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Docket No.: 645-167

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
PATENT OPERATIONS

In re Application of:

**Naoyuki Goto**

Serial No.: 10/773,934

Filed: February 6, 2004

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) Group Art Unit: --

)

) Examiner: --

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) Customer No. 47888

For: **ULTRA LOW EXPANSION TRANSPARENT GLASS-CERAMICS**

New York, NY 10036

January 19, 2005

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Sir:

This Information Disclosure Statement is being filed under the provisions of 37

CFR§1.97.

EPO Search Report

Lists references cited by Examiner.

US 6,001,445

Discloses simulation disk for measuring flying height of magnetic head.

US 5,064,460

Discloses blue transparent glass-ceramic articles.

US 3,642,504

Discloses glass convertible to transparent glass-ceramics containing alpo.

US 5,591,682

Discloses low expansion transparent glass-ceramic.

Respectfully submitted,

James V. Costigan

Registration No. 25,669

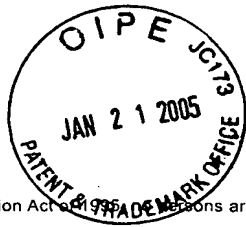
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PTO/SB/08A (10-01)  
Approved for use through 10/31/2002. OMB 0651-0031  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449A/PTO		<b>Complete if Known</b>	
		Application Number	10/773,934
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		Filing Date	February 6, 2004
		First Named Inventor	Naoyuki Goto
		Art Unit	1755
		Examiner Name	--
Sheet 1	of 2	Attorney Docket Number	645-167

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. 1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
	AA	us- 6,001,445	12/14/1999	Itoh, et al	
	AB	us- 5,064,460	11/12/1991	Aitken	
	AC	us- 3,642,504	2/15/1972	Petzold, et al	
	AD	us- 5,591,682	1/7/1997	Goto	
	AE	US-			
	AF	US-			
	AG	US-			
	AH	US-			
	AI	US-			
	AJ	US-			
	AK	US-			
	AL	US-			
	AM	US-			
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	AO	US-			
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	AR	US-			
	AS	US-			
	AT	US-			

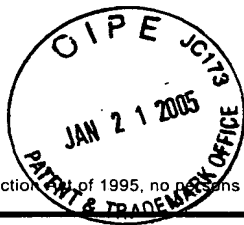
FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. 1	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)			
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	AV				
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	AY				
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449B/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>		<b>Complete if Known</b>	
		Application Number	10/773,934
		Filing Date	February 6, 2004
		First Named Inventor	Naoyuki Goto
		Group Art Unit	1755
		Examiner Name	--
Sheet	2	of	2
		Attorney Docket Number	645-167

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials <sup>2</sup>	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
	A	EPO Search Report	
	B		
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